

Converting Colors

Hex(864BFF)

Have a look what the booklet for
Hex(864BFF) contains.

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Color

Hex(864BFF)

Conversions

Conversions Part 1

Format	Color
Hex	864BFF
RGB	134, 75, 255
RGB Percent	53%, 29%, 100%
CMY	0.4745, 0.7059, 0.0000
CMYK	0.47, 0.71, 0.00, 0.00
HSL	260°, 100%, 65%
HSV	260°, 71%, 100%
XYZ	30.3976, 17.3205, 96.3488
YIQ	113.1610, -22.6160, 68.4880

Conversions

Conversions Part 2

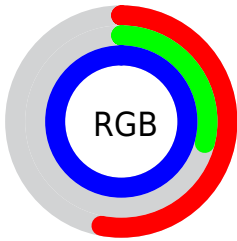
Format	Color
RYB	134, 75, 255
Decimal	8801279
CIELab	48.66, 63.22, -80.53
CIELCh	49, 102.376, 308.134
Yxy	17.3205, 0.2110, 0.1202
Android (android.graphics.Color)	4286991359 (0xFF864BFF)
YUV	113.1610, 69.9266, 18.2758
Hunter-Lab	41.6179, 57.5446, -108.1287

Details

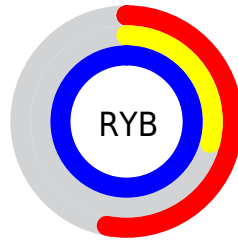
The Hex color **864BFF** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **C4FF4B**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **C380FF**, and **4512C5** is the 20% darker color. If you saturate the color by 10%, you get **7532FF**, and if you desaturate by 10%, it is **9765FF**.

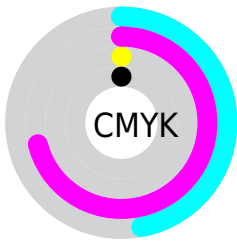
Distribution



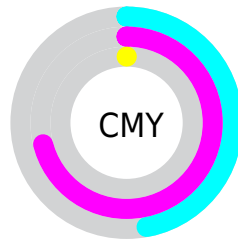
- Red (53%)
- Green (29%)
- Blue (100%)



- Red (53%)
- Yellow (29%)
- Blue (100%)



- Cyan (47%)
- Magenta (71%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (71%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 864BFF changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 864BFF by changing the saturation by 10% instead.

 864BFF

 864BFF

FFFFFF

 6730E2

 C380FF

 4512C5

 E29CFF

 1700A9

 FFB7FF

 00008D

 FFD4FF

 000073

 FFF1FF

 000259

 000741

 00032A

 000114

 864BFF

 864BFF

 7532FF

 9765FF

 6418FF

 A87EFF

 5400FF

 B998FF

 CBB1FF

 DCCBFF

 EDE4FF

FEFEFF

FFFFFF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



007AFF



864BFF



E600B6

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



864BFF



BE5500



00948A

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



864BFF



C4FF4B

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00912B



864BFF



787800

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



864BFF



F00002



008900



0094DF

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



864BFF



FE007D



008900



00936C

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



864BFF



DBC9FF



4BC6FF



6A6080



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



864BFF



6D26FF



DE4BFF



777380



3F00BF



150040

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



FF4BC4



FF26B8



6CFF4B



80737B



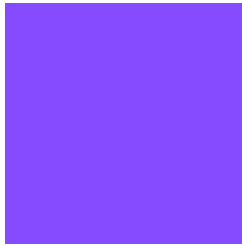
BF0081



40002B

Previews

White Background



This preview shows how the Hex color 864BFF looks on a white background.

Color Contrast Check

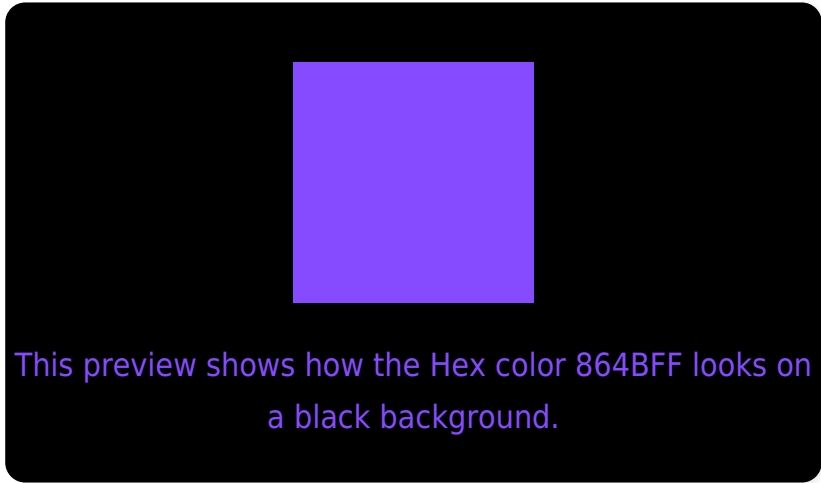
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

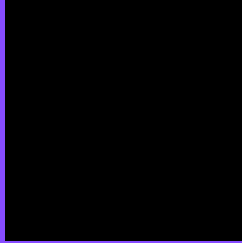
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 864BFF Background



This preview shows how black text looks on a background with the Hex color 864BFF.

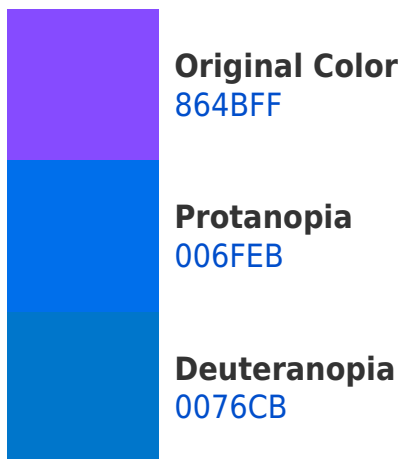


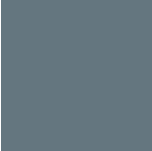
This preview shows how white text looks on a background with the Hex color 864BFF.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



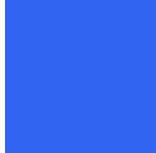


Tritanopia
64767F

Trichromacy



Original Color
864BFF



Protanomaly
3162F2



Deuteranomaly
3166DE



Tritanomaly
7066AE

Monochromacy



Original Color
864BFF



Achromatopsia
717171



Achromatomaly
7963A5

CSS Examples

Text

The CSS property to change the color of the text to Hex 864BFF is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #864BFF looks like.

```
.text, #text, p{  
    color:#864BFF  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #864BFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #864BFF
}
```

Border

The CSS property to change the border of an element to Hex 864BFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

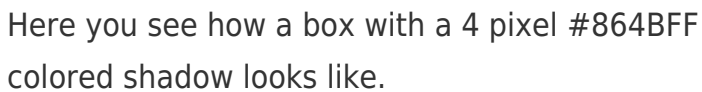
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#864BFF }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#864BFF }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #864BFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #864BFF; -webkit-box-shadow:4px 4px  
4px 4px #864BFF; box-shadow:4px 4px 4px  
4px #864BFF }
```

Background

The CSS property to change the background color of an element to Hex 864BFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#864BFF }
```

If only the background color should be changed can be used:

```
.background{ background-color:#864BFF }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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